

United States Government

Department of Energy

Oak Ridge Operations Office

memorandum

DATE:

REPLY TO

ATTN OF: SE-33:Olberding

SUBJECT: **END OF YEAR REPORT ON SECRETARIAL INITIATIVES REGARDING
CHEMICAL SAFETY AS A RESULT OF THE EXPLOSION AT THE HANFORD
PLUTONIUM RECLAMATION FACILITY**

TO: Federico Peña, Secretary of Energy, S-1/FORS

In a memorandum dated August 4, 1997, issued as a result of the explosion at the Hanford Plutonium Reclamation Facility (PRF), you charged us to implement four broad safety initiatives and report our progress on the initiatives by the end of the calendar year. We have been working on these initiatives and the responses to them. Attached are the reports of our efforts to date.

The attachments include reports from our major sites and a report on Federal technical competency. The information requested on waste storage tanks and ancillary piping and equipment was included in our December 1, 1997, submittal to the Cognizant Secretarial Officers and EH-1. Also, attached is a report on actions to address lessons learned from emergency management activities from the Hanford PRF event. In addition to the requested items, we are including a copy of the Type B Accident Investigation on the drum explosion at the Paducah Gaseous Diffusion Plant.

If you have any questions, please contact Terry Olberding at (423) 576-2550 or Mike Arendale at (423) 576-9918.

James C. Hall
Manager

Attachments:

- Attachment 1: Oak Ridge National Laboratory (ORNL), Lockheed Martin Energy Research Corporation (LMER)
- Attachment 2: Y-12 Plant, Lockheed Martin Energy Systems Corporation (LMES)
- Attachment 3: East Tennessee Technology Park (ETTP), LMES
- Attachment 4: Portsmouth, LMES
- Attachment 5: Paducah, LMES

- Attachment 6: Thomas Jefferson National Accelerator Facility (TJNAF),
Southeastern Universities Research Association (SURA)
- Attachment 7: Oak Ridge Water Treatment Plant, East Tennessee Mechanical
Contractors (ETMC)/Johnson Controls World Services, Inc.
- Attachment 8: Oak Ridge Institute for Science and Education (ORISE), Oak Ridge
Associated Universities (ORAU)
- Attachment 9: Weldon Spring Site Remedial Action Project (WSSRAP), MK
Ferguson
- Attachment 10: Federal Employee Technical Competence Report
- Attachment 11: Status of Contractor's Assessment of Actions Associated with
Lessons Learned Memorandum
- Attachment 12: Type B Accident Investigation on the Drum Explosion at the
Paducah Gaseous Diffusion Plant

cc w/o attachments:

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Concurrence
Routing Symbol SE-33 Initials/Signature OLBERDING Date 12/ /97
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Routing Symbol ER-10 Initials/Signature CUMESTY Date 12/ /97
Routing Symbol DP-80 Initials/Signature DEMPSEY Date 12/ /97
Routing Symbol CE-50 Initials/Signature BENEDICT Date 12/ /97
Routing Symbol EW-90 Initials/Signature NELSON Date 12/ /97
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ROUTING SYMBOL M-3 INITIALS/SIGNATURE LOVELL DATE 12/ /97
Routing Symbol M-2 Initials/Signature RICHARDSON Date 12 /97